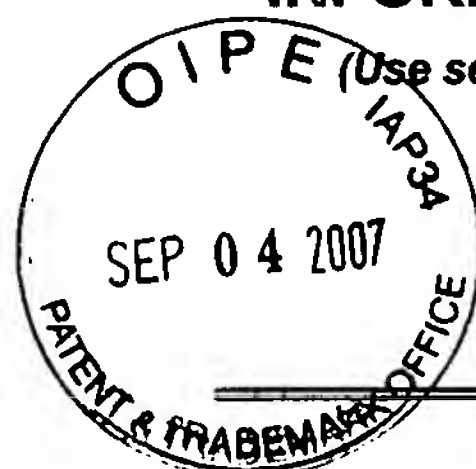


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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,366,883	11/22/1994	ASADA			
	AB	5,380,831	1/10/1995	ADANG			
	AC	5,705,375	1/6/1998	van Ooyen et al.			
	AD	6,737,563	5/18/2004	Yu et al.			
	AE	US2003-0125534	7/3/2003	Callen et al.			
	AF	US2004-0018607	1/29/2004	Callen et al.			
	AG	6,013,860	01/11/2000	Himmel et al.			
	AH	5,543,576	8/6/1996	van Ooijen et al			
	AI	5,705,375	1/6/1998	van Ooijen et al			
	AJ	4,904,599	2/27/90	Ozaki et al.			
	AK	5,393,670	2/28/95				
	AL	5,457,046	10/10/95				
	AM	5,475,101	12/12/95				
	AN	5,168,064	12/1992				
	AO	5,470,725	11/1995				
	AP	5,614,395	03/1997				
	AQ	5,536,655	7/16/96				
	AR	5,981,835	11/9/99				
	AS	2003-0135885	7/17/2003				
	AT	7,049,485	5/23/2006				
	CJ	2002-0062502	05/23/2002				
	CK	6,506,592	01/14/2003	Blum			

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	AU	FR 2 778 412	11/12/1999	FR	C12N 9/28		<input type="checkbox"/>	<input type="checkbox"/>
	AV	WO 92/05259	4/2/1992	WIPO	C12N 15/56	AO1H 5/00	<input type="checkbox"/>	<input type="checkbox"/>
	AW	WO 97/32986	9/12/1997	WIPO	C12N 15/82	C12N 9/10	<input type="checkbox"/>	<input type="checkbox"/>

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	AX	WO 98/39461	9/11/1998	WIPO	C12N 15/82	C12N 15/12	<input type="checkbox"/>	<input type="checkbox"/>
	AY	WO 9009436	8/23/1990	WIPO				
	AZ	WO04/091544	10/28/2004	WIPO	A61K			
	BA	WO9201042	1/23/1992	WIPO				
	BB	EP0449376	2/10/1991	EP				
	CJ	EP0479359	8/4/1992	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	BC	GenBank Accession Number AF068255 [online], [retrieved on 09-23-04]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
	BD	Jørgensen et al, <i>Cloning, Sequencing, Characterization, and Expression of an Extracellular <math>\alpha</math>-Amylase from the Hyperthermophilic Archaeon Pyrococcus furiosus in Escherichia coli and Bacillus subtilis</i> <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 26, (June 27, 1997) pp. 16335-16342
	BE	Lévêque et al, <i>Cloning and expression of an <math>\alpha</math>-amylase encoding gene from the hyperthermophilic archaeobacterium Thermococcus hydrothermalis and biochemical characterization of the recombinant enzyme</i> <i>Federation of European Microbiological Societies</i> , Vol. 186 (2000), pp. 67-71
	BF	Swiss-Prot Accession Number O08452 [online], [retrieved on 09-23-04]. Retrieved from the Internet: <URL: <a href="http://au.expasy.org">http://au.expasy.org</a> >
	BG	Swiss-Prot Accession Number O33476 [online], [retrieved on 09-23-04]. Retrieved from the Internet: <URL: <a href="http://au.expasy.org">http://au.expasy.org</a> >
	BH	Tachibana et al, <i>Cloning and Expression of the <math>\alpha</math>-Amylase Gene from the Hyperthermophilic Archaeon Pyrococcus sp. KOD1, and Characterization of the Enzyme</i> <i>Journal of Fermentation and Bioengineering</i> , Vol. 82, No. 3 (1996) pp. 224-232
	BI	Taylor et al, <i>Fermentation and Costs of Fuel Ethanol from Corn with Quick-Germ Process</i> <i>Applied Biochemistry and Biotechnology</i> , Vol. 94 (1) (April 2001), pp. 41-50
	BJ	GenBank Accession Number AF504064 [online], [retrieved on 02-15-06]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
	BK	GenBank Accession Number AF504065 [online], [retrieved on 02-15-06]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
	BL	GenBank Accession Number AY608688 [online], [retrieved on 02-15-06]. Retrieved from the Internet: <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >

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BM	GenBank Accession Number AF017454 [online], [retrieved on 02-15-06]. Retrieved from the Internet <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
BN	GenBank Accession Number D83793 [online], [retrieved on 02-15-06]. Retrieved from the Internet <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
BO	GenBank Accession Number AF504063 [online], [retrieved on 02-15-06]. Retrieved from the Internet <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
BP	GenBank Accession Number AF504062 [online], [retrieved on 02-15-06]. Retrieved from the Internet <URL: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> >
BQ	Dassa et al, EBI [online] <i>Escherichia coli</i> periplasmic phosphoanhydride phosphohydrolase (AppA) gene, complete cds; retrieved January 14, 2005 from EMBL; accession no. M58708
BR	ROGERS et al., Isolation and Sequence Analysis of a Barley Alpha-Amylase cDNA Clone, <i>The Journal of Biological Chemistry</i> . July 1983, Vol. 258, No. 13, pages 8169-8174.
BS	Syngenta Participations AG, International Publication No. WO2003/018766, <i>International Search Report</i> , (March 6, 2003).
BT	Syngenta Participations AG, International Publication No. WO2005/096804, <i>International Search Report</i> , (October 20, 2005).
BU	PEN, et al., <i>Production of Active Bacillus Licheniformis Alpha-Amylase in Tobacco and its Application Bio/Technology</i> , Vol. 10(3) (March 1992) pp. 292-296
BW	LASHBROOK et al., <i>Functional Analysis of Cx-Cellulase (Endo <math>\beta</math>-1-4-Glucanase) Gene Expression in Transgenic Tomato Fruit, Cellular and Molecular Aspects of the Plant Hormone Ethylene</i> , J.C. Pech et al. (eds.) (Kluwer Academic Publishers), (1993), pp. 123-128
BX	KOEHLER, et al., <i>The Gene Promoter for a Bean Abscission Cellulase is Ethylene-Induced in Transgenic Tomato and Shows High Sequence Conservation with a Soybean Abscission Cellulase</i> , <i>Plant Molecular Biology</i> , 31: 595-606
BY	KAWAZU, et al., <i>Expression of a Ruminococcus Albus Cellulase Gene in Tobacco Suspension Cells</i> , <i>Journal of Fermentation and Bioengineering</i> 82(3): 205-209
BZ	COLLMER, A. et al. <i>Cloning and Expression of a Thermomonospora YX Endocellulase Gene in E. Coli</i> <i>Bio/Technology</i> , (September 1983), pp. 594-601
CA	GHANGAS, G.S et al., <i>Cloning of the Thermomonospora fusca Endoglucanase E2 Gene in Streptomyces lividans: Affinity Purification and Functional Domains of the Cloned Gene Product</i> <i>Applied and Environmental Microbiology</i> , Vol. 54, No. 10 (October 1988), pp. 2521-2526

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CB	JUNG et al, <i>DNA Sequences and Expression in Streptomyces lividans of an Exoglucanase Gene and an Endoglucanase Gene from Thermomonospora fusca</i> <i>Applied and Environmental Microbiology</i> , Vol. 59, No. 9 (September 1993), pp. 3032-3043
CC	LAO et al, <i>DNA Sequences of Three <math>\beta</math>-1, 4-Endoglucanase Genes from Thermomonospora fusca</i> <i>Journal of Bacteriology</i> , Vol. 173, No. 11 (June 1991), pp. 3397-3407
CD	THOMAS et al, "Initial Approaches to Artificial Cellulase Systems for Conversion of Biomass to Ethanol", in Saddler, J.N.; Penner, M.H., eds. <i>Enzymatic Degradation of Insoluble Polysaccharides</i> , ACS Series 618, Washington, DC: American Chemical Society; pp. 208-236.
CE	WILSON, D.B., <i>Biochemistry and Genetics of Actinomycete Cellulases</i> <i>Critical Reviews in Biotechnology</i> , Vol. 12(1/2) (1992), pp. 45-63
CF	LASHBROOK et al. Two Divergent Endo B-1, 4-glucanase Gene Exhibit Overlapping Expression in Ripening Fruit and Abscising Flowers, October 1994, <i>The Plant Cell</i> , Vol 6, pages 1485-1493
CG	MELCHERS et al. Extracellular Targeting of the Vacuolar Tobacco Proteins AP24, Chitinase and B-1, 3-glucanase in Transgenic Plants, 1993, <i>Plant Molecular Biology</i> , Vol. 21, pages 583-593.
CH	ASPEGREN, et al., <i>Secretion of a heat stable fungal beta-glucanase from transgenic suspension-cultured barley cells</i> <i>Molecular Breeding</i> , Vol. 1 (1995) pp. 91-99

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